

WHAT IS CLAIMED IS:

1. A power adapter, comprising:

a case having an indented region, a conducting terminal and an opening, wherein said conducting terminal is located in said indented region; and

an connector, comprising:

a main body comprising a first surface, a second surface, and a depression having a bottom surface and located at said second surface;

a conducting piece having a first end and a second end, wherein said first end is protruded out of said first surface, and said second end is protruded out of said bottom surface and falls short of said second surface;

an arm laterally extended from said main body; and

a protruding portion located on an end of said arm away from said main body,

wherein said connector is putted into said indented region as in a first position, and then said connector is rotated through an angle to be in a second position so that said protruding portion is wedged into said opening and said main body is fixed in said indented region.

2. The power adapter according to claim 1, wherein said main body has a circular shape.

3. The power adapter according to claim 1, wherein said main body, said arm and said protruding portion are integrally formed.

4. The power adapter according to claim 1, wherein said conducting piece is made of a non-crooked conductive material.

5. The power adapter according to claim 1, wherein said case further comprises a guiding channel for providing a pathway for said arm and said protruding portion to be rotated from said first position to said second position.

6. The power adapter according to claim 5, wherein said guiding channel has a first end located at a vertical height relatively higher than that of a second end thereof.

7. The power adapter according to claim 6, wherein said first end of said guiding channel is an entrance for said protruding portion.

8. The power adapter according to claim 6, wherein said second end of said guiding channel is an exit for said protruding portion.

9. The power adapter according to claim 1, wherein said protruding portion and said arm are flexible structures.

10. The power adapter according to claim 1, wherein said indented region further comprises a first blocking structure located on a side wall of said indented region.

11. The power adapter according to claim 10, wherein said connector further comprises a second blocking structure located on an outer surface of said connector.

12. The power adapter according to claim 11, wherein positions of said first structure and said second structure are corresponded to each other when said case and said connector are assembled together.

13. The power adapter according to claim 1, wherein said angle is ranged from 5 to 90 degrees.

14. The power adapter according to claim 1, wherein when said protruding portion is wedged in said opening, a top point of said protruding portion is relatively lower than an upper surface of said case.

15. The power adapter according to claim 1, wherein said connector further comprises a flexible element located between said arm and said main body.

16. A power adapter, comprising:

a case having an indented region, a conducting terminal and a first blocking structure, wherein said first blocking structure further comprises a first fixing device; and

an connector, comprising:

a main body comprising a first surface, a second surface, and a depression having a bottom surface and located at said second surface;

a conducting piece having a first end and a second end, wherein said first end is protruded out of said first surface, and said second end is protruded out of said bottom surface and not overrun said second surface; and

a second blocking structure mounted on an outer surface of said connector, wherein said second blocking structure further comprises a second fixing device,

wherein when said connector is putted into said indented region as in a first position and then said connector is rotated through an angle to be in a second position, said first fixing device and said second fixing device are engaged with each other for fixing said connector in said indented region.

17. The power adapter according to claim 16, wherein said conducting terminal is located in said indented region.

18. The power adapter according to claim 16, wherein said first device is an indented trough.

19. The power adapter according to claim 16, wherein said second device is a convex.